

**The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130**

**DEVAL L. PATRICK  
GOVERNOR**

**TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR**

**JUDYANN BIGBY, MD  
SECRETARY  
JOHN AUERBACH  
COMMISSIONER**

2/27/2012

Andrius Knasas  
Assistant District Attorney  
Suffolk County District Attorney's Office

Dear ADA Knasas,

Enclosed is the information you requested in regards to item # [REDACTED]

- 1.Curriculum Vitae for Hevis Lleshi and Kate Corbett
- 2.Drug Analysis Laboratory Receipt.
- 3.Control Card with analytical results for sample # [REDACTED]
- 4.Analysis sheet with custodial chemist's hand notations and test results.
- 5.GC/Mass Spectral analytical data for sample # [REDACTED]

Hevis Lleshi was the custodial chemist and performed preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Ms. Hevis Lleshi  
Chemist I  
Drug Analysis Laboratory  
Jamaica Plain, MA 02130  
(617) 983-6627

## Curriculum Vitae

Hevis Lleshi

### Education

Boston University School of Medicine – Master of Science, Forensic Science  
University of South Florida – Bachelor of Arts, Clinical Psychology

### Related Coursework

Forensic Chemistry • Forensic Toxicology • Forensic Pathology • Forensic DNA Analysis  
Organic / Analytical Chemistry • Forensic Biology • Biochemistry • Forensic Trace Evidence

### Employment

March, 2011 – Present  
Chemist I, Massachusetts Department of Public Health,  
Drug Analysis Laboratory

- Appointed Assistant Analyst by Assistant Commissioner of Public Health, June, 2011
- Responsible for the identification of substances to determine violation of harmful and narcotic drug laws of the Commonwealth of Massachusetts
- Trained in the use of complex analytical instrumentation for the purpose of forensic drug analysis
- Notary Public

### Additional Training and Laboratory Experience

- Completed ten-week training course conducted by Laboratory Senior Staff within the Department of Public Health, Drug Analysis Laboratory, 2011
- GC and GC/MS training with Restek, 2011
- Instrumental Forensic Chemistry/Toxicology Laboratory, Boston University, 2009
- Serology/Bloodstain Pattern Analysis Techniques, Boston University, 2009

Internship, MASSACHUSETTS STATE POLICE—MARINE SECTION, BOSTON, MA, 2008 – 2010

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### Associations

- American Academy of Forensic Sciences (AAFS)
- Boston University Forensic Science Society (BUFSS)

# Curriculum Vitae

Kate A. Corbett

## Education

### **Bachelor of Science Degree, CHEMISTRY May 2003**

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

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## Employment

### **Chemist II State Laboratory Institute (March 2008-Present)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

### **Chemist I State Laboratory Institute (2005-March 2008)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

### **Research Associate (September 2003 – August 2005)**

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

### **Intern (March 2003 – August 2003)**

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units



**DRUG RECEIPT**

**CC #** \_\_\_\_\_

BOOK # 155

PAGE # 190

**DESTRUCTION #** \_\_\_\_\_

District/Unit B-2

Name & Rank of Arresting Officer P. C. Cook ID# 96159

To be completed by ECU personnel only

Name and Rank of Submitting Officer Sgt. M. Martin ID# 11064

Received by \_\_\_\_\_ Date \_\_\_\_\_

ECU Control #

No. [REDACTED] Date Analyzed: 2/10/12  
City: Boston D.C.U. Police  
Officer: P.O. STEEL WHITE

Ref: [REDACTED]  
Amount: 1.4g Sample: SUB  
No. Cont: 14 Cont: pb

Date Rec'd: 03/05/2011 No. Analyzed: 1  
Gross Wt.: 5.600 Net Wt: 0.12g (of 1pb tested)  
#Tests: 6

• 2KAC  
Cocaine

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY BostonANALYST HLLNo. of samples tested: 1Evidence Wt. 0K

## PHYSICAL DESCRIPTION:

Gross Wt (4): 0.6862gGross Wt (1): 0.1790g

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1215g

Four pb containing  
off white substance,  
All pb inside a larger  
pb. One pb tested.

## PRELIMINARY TESTS

### Spot Tests

Cobalt Thiocyanate () + weak / + blue w/ acidMarquis -Froehde's -Mecke's -

### Microcrystalline Tests

Gold Chloride - +TLTA (-) + w/ acid

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS CocaineDATE 2/2/2012

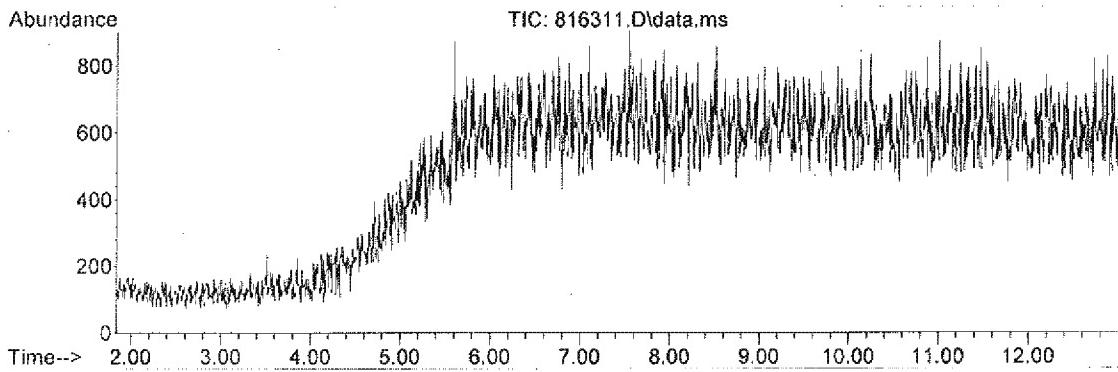
## GC/MS CONFIRMATORY TEST

RESULTS CocaineMS OPERATOR KACDATE 2/10/2012

✓KAC  
2/27/12

## Information from Data File:

File Name : C:\msdchem\1\System7\02\_07\_12\816311.D  
Operator : KAC  
Date Acquired : 7 Feb 2012 11:53  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



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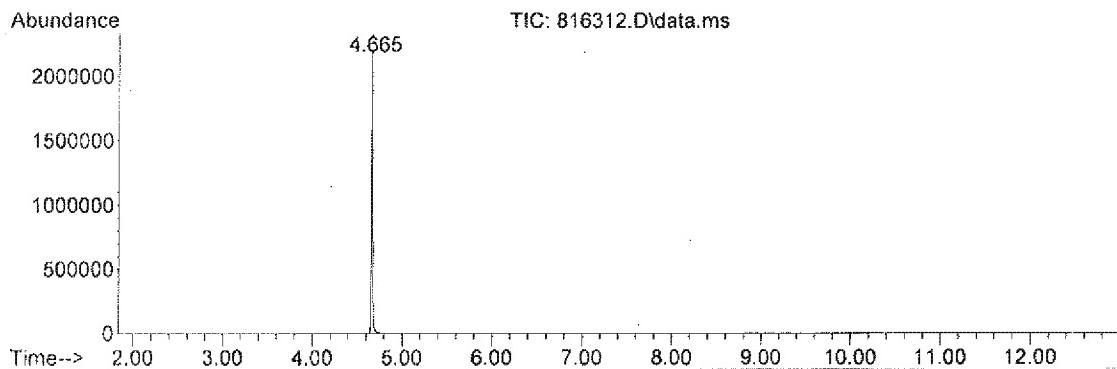
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\*\*\*NO INTEGRATED PEAKS\*\*\*

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Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 12  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



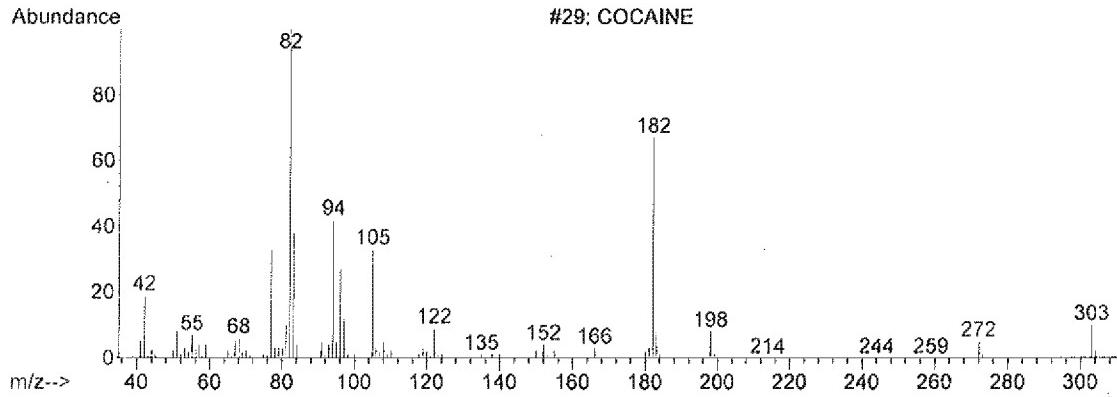
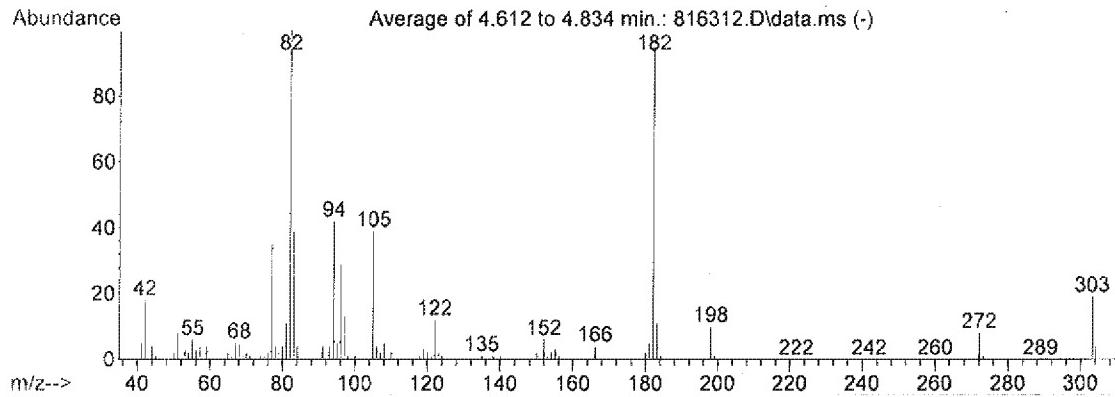
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## Information from Data File:

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Date Acquired : 7 Feb 2012 12:09  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 12  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85  
C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99



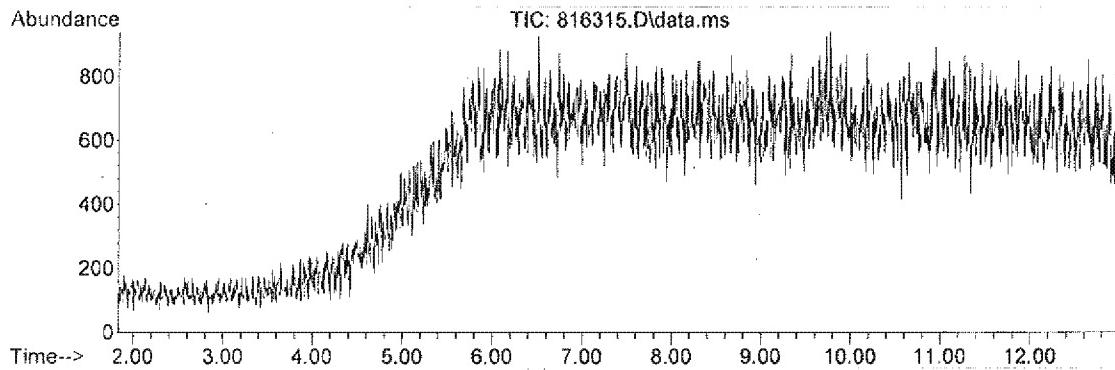
Area Percent / Library Search Report

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Date Acquired : 7 Feb 2012 12:55  
Sample Name : BLANK  
Submitted by : HLL  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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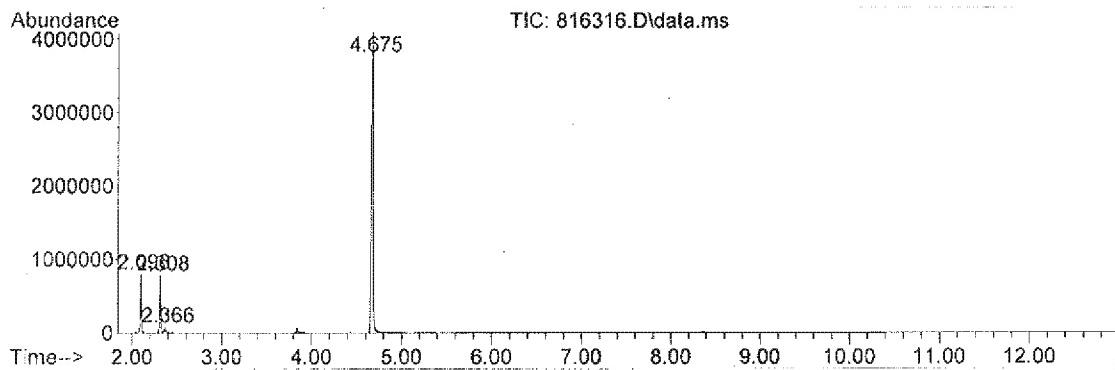
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\*\*\*NO INTEGRATED PEAKS\*\*\*

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Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 16  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



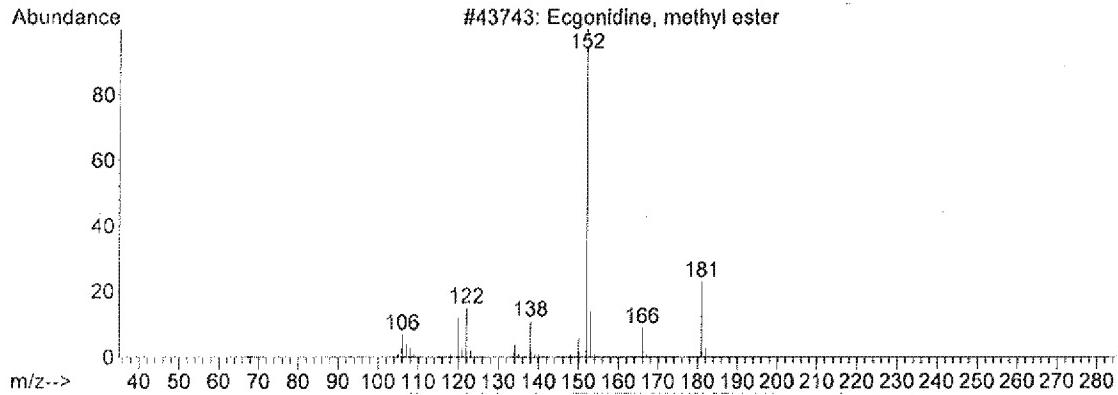
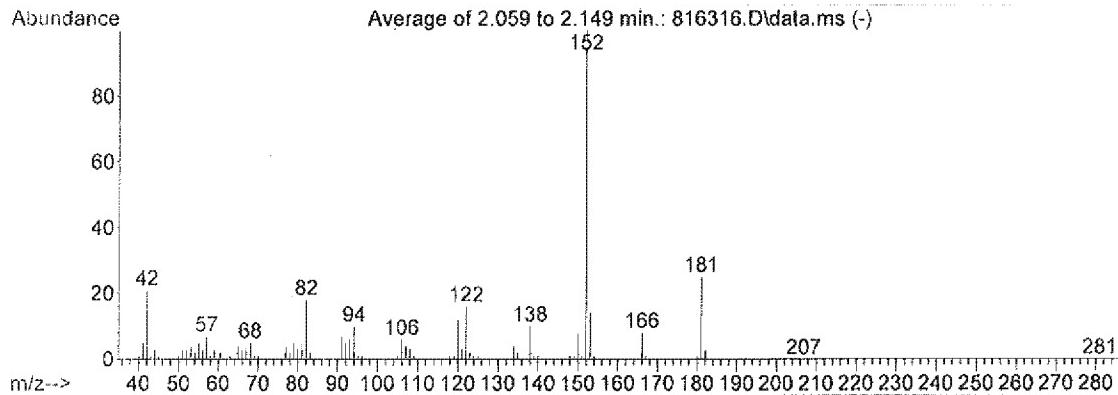
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2.308	677771	8.95	11.23
2.366	106394	1.40	1.76
4.675	6037290	79.69	100.00

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Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 16  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85  
C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.10	C:\Database\NIST05a.L		
		Egonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	97
		2,6-Dimethoxytoluene	005673-07-4	47

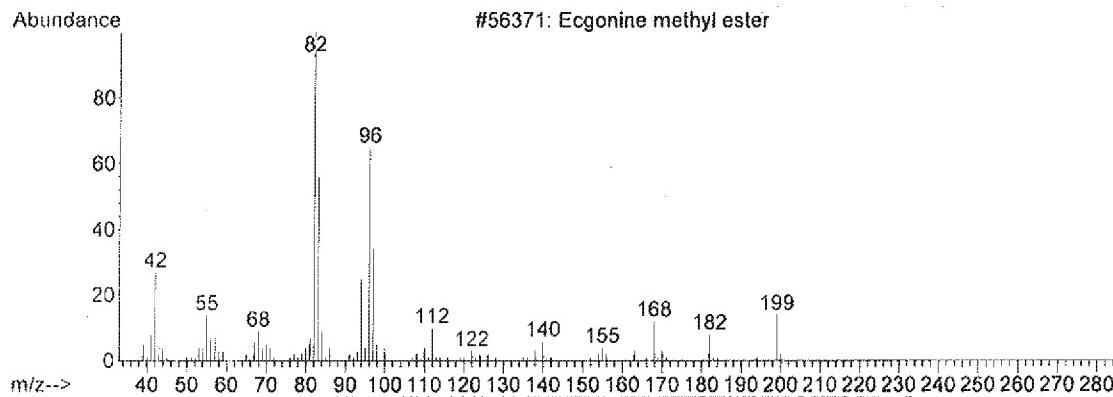
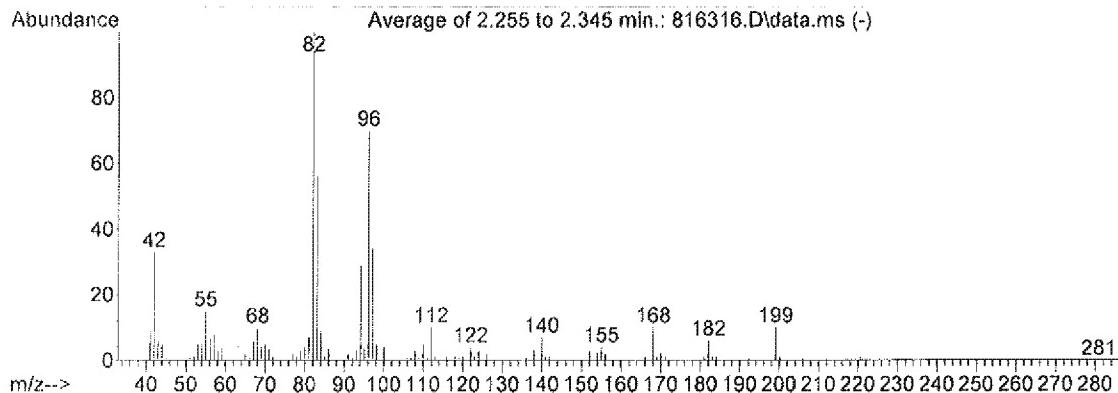


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Date Acquired : 7 Feb 2012 13:11  
Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 16  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85  
C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.31	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	98

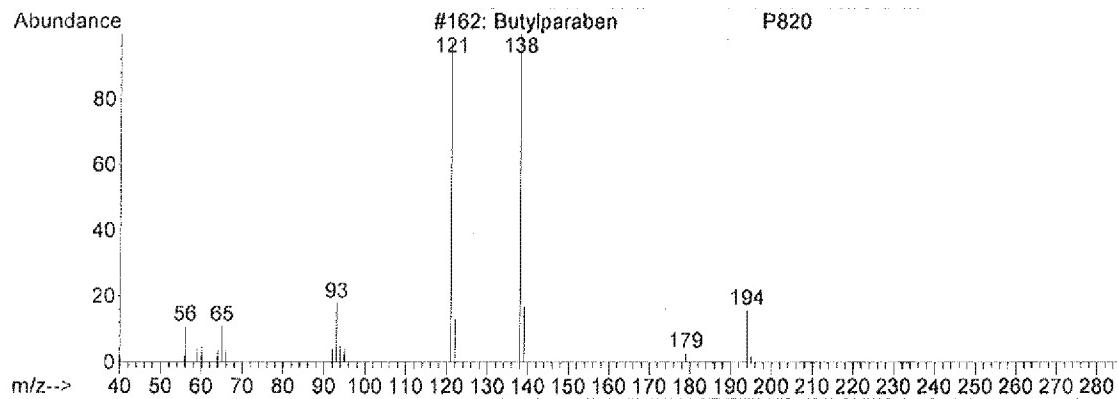
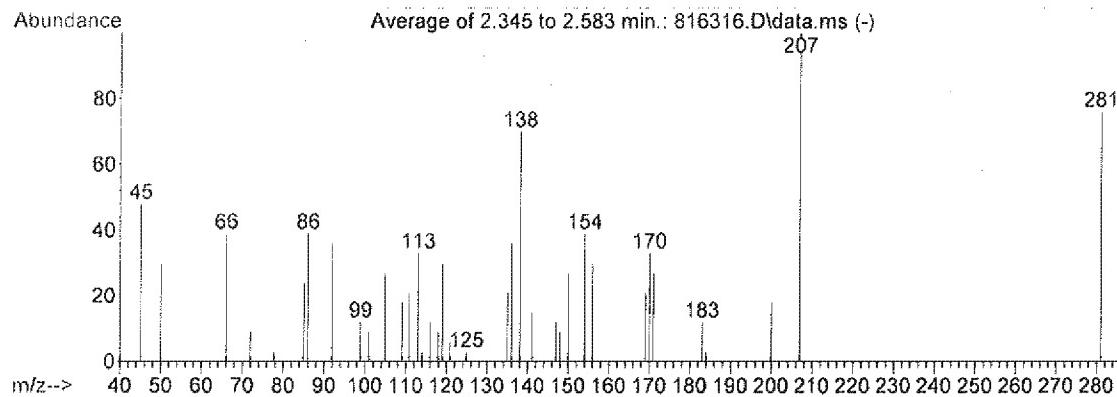


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Date Acquired : 7 Feb 2012 13:11  
Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 16  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85  
C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.37	C:\Database\PMW_TOX2.L		
		Butylparaben	000094-26-8	1
		GC stationary phase (OV-101)	000000-00-0	1
		GC stationary phase (UCC-W-982)	000000-00-0	1

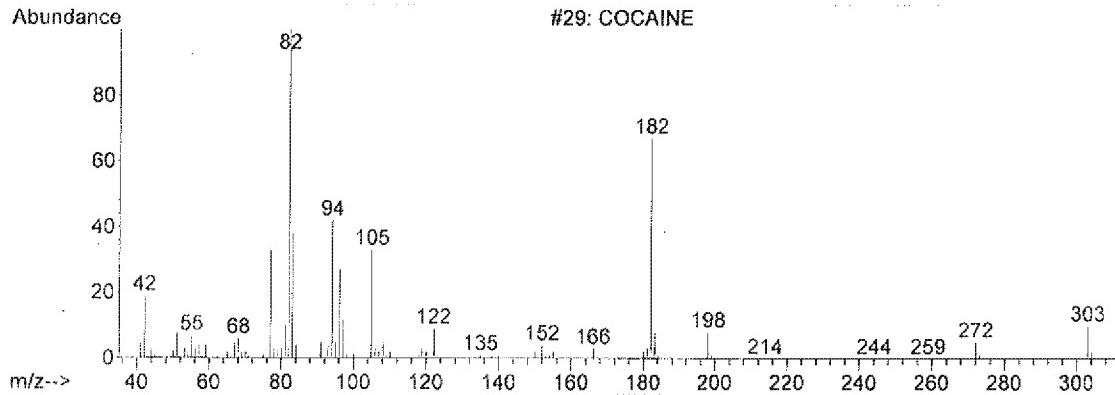
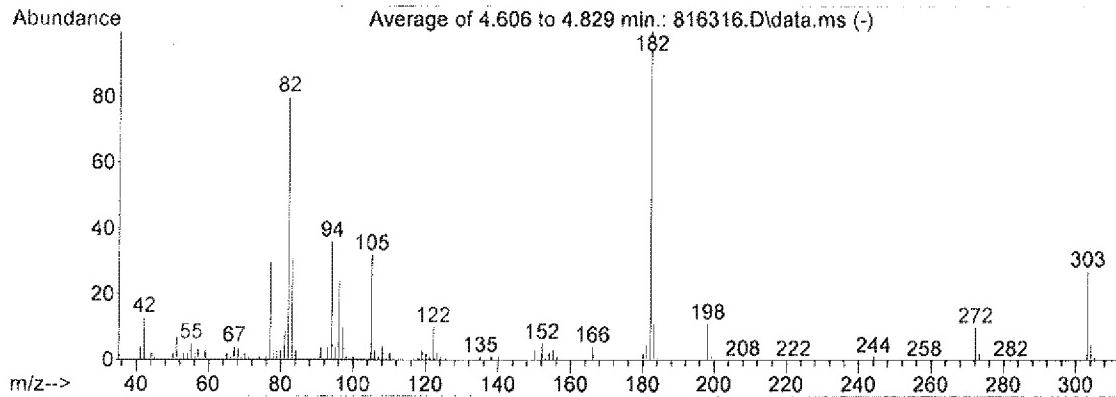


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Submitted by : HLL  
Vial Number : 16  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

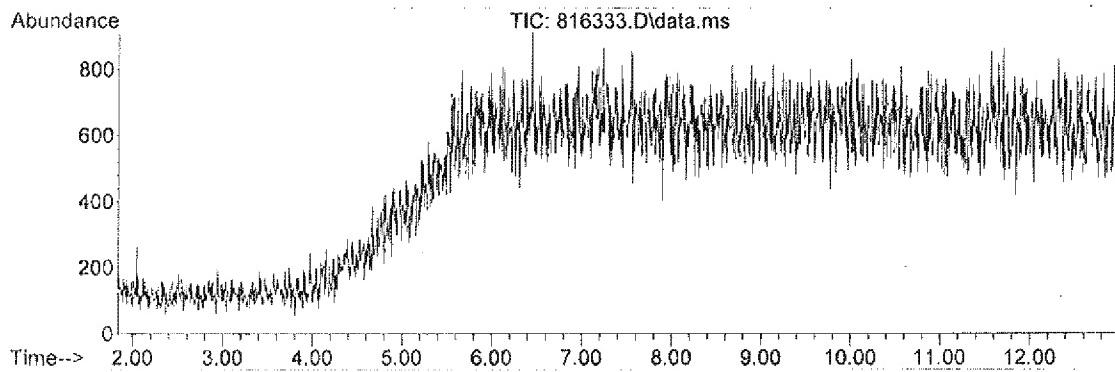
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C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.68	C:\Database\SLI.L COCAINE	000050-36-2	99



## Information from Data File:

File Name : C:\msdchem\1\System7\02\_07\_12\816333.D  
Operator : KAC  
Date Acquired : 7 Feb 2012 17:36  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



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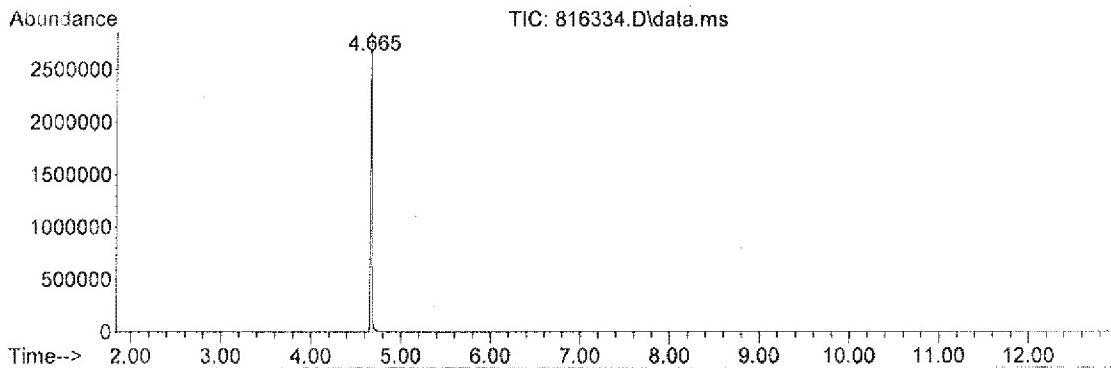
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

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Operator : KAC  
Date Acquired : 7 Feb 2012 17:51  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 34  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



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Ret. Time	Area	Area %	Ratio %
4.665	2924803	100.00	100.00

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## Information from Data File:

File Name : C:\msdchem\1\System7\02\_07\_12\816334.D  
Operator : KAC  
Date Acquired : 7 Feb 2012 17:51  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 34  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85  
C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99

